

Claims:

1. A messaging system for communicating messages in a Client Server environment Over Multiple Wireless Networks that support different Network Protocols, comprising:

a Client Application executed by a Client device;
a Server Application executed by a Back-end Server, and
a Protocol Gateway that encapsulates an underlying Network Protocol of the plurality of wireless Networks, wherein the Client Application and the Server Application communicate messages with each other through the Protocol Gateway independent from the Network Protocol of the wireless Network used for such communication.

2. The messaging system of claim 1 further including at least one Message Router that routes communicated messages between the Protocol Gateway and the Back-end Server.

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3. The messaging system of claim 2, wherein the Message Router authenticates the origin of a message, before routing the message.

4. The messaging system of claim 3 further including a database accessible by the Message Router for providing routing and authentication information.

5. The messaging system of claim 1 further including a HTTP Proxy Server.

6. The messaging system of claim 1 further including a SNMP manager.

7. The messaging system of claim 2, wherein the Protocol Gateway communicates the Message Router via a TCP/IP Protocol.

8. The messaging system of claim 1, messages exceeding a pre-defined maximum segment size are segmented into multiple message segments.

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9. The messaging system of claim 1, wherein message retries are supported for the different Network Protocols.

10. The messaging system of claim 1, wherein message ACK and NACK services are supported for the different Network Protocols.

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